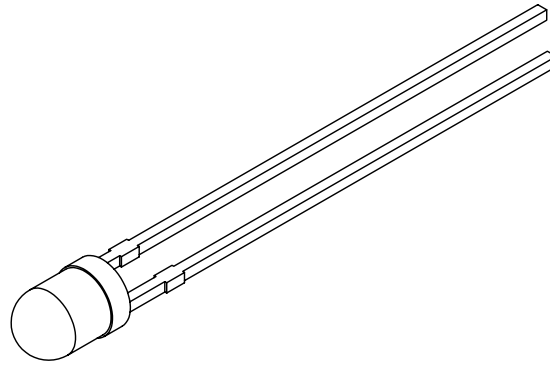
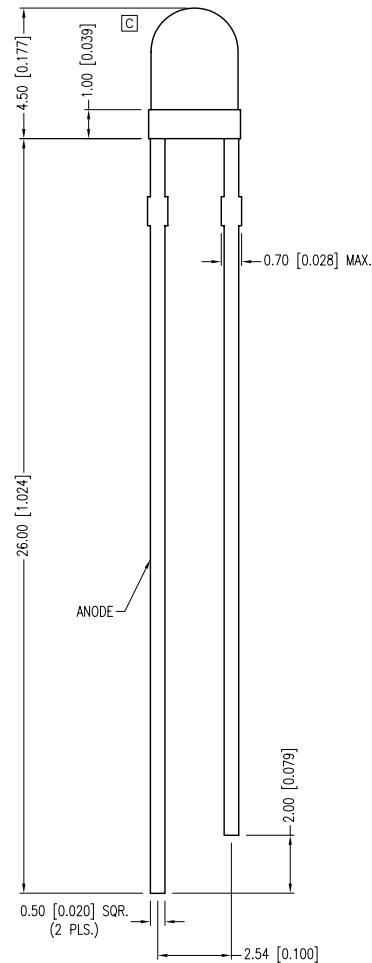
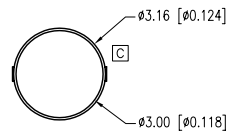


PART NUMBER	SSL-LX3044UWC	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.27.99	E.C.N. #10509.		A
01.06.06	E.C.N. #11283.		B
04.03.12	E.C.N. #11814 & 10BRDR. & REDRAWN.		C



C A ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		550		nm	
FORWARD VOLTAGE		3.6	4.0	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10μA
AXIAL INTENSITY	1400		2000	mcd	If=10mA
CHROMATICITY (X)	0.26		0.30		
COORDINATES (Y)**	0.27		0.31		If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	WHITE				
LENS FINISH:	WATER CLEAR				
*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.					
**THE ICI STANDARD COLORIMETRIC SYSTEM.					

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT*	Ip	100	mA
STEADY CURRENT	If	10	mA
POWER DISSIPATION	Id	170	mW
OPERATING TEMP.	ToPR	-40 TO +80	°C
STORAGE TEMP.	SStg	-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY		3	SEC. MAX

\*DUTY 1/10 PULSE WIDTH 10ms

CAUTION: STATIC SENSITIVE DEVICE  
FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-3mm (T-1) ULTRA WHITE LED, WATER CLEAR LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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DATE:	04.03.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ

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